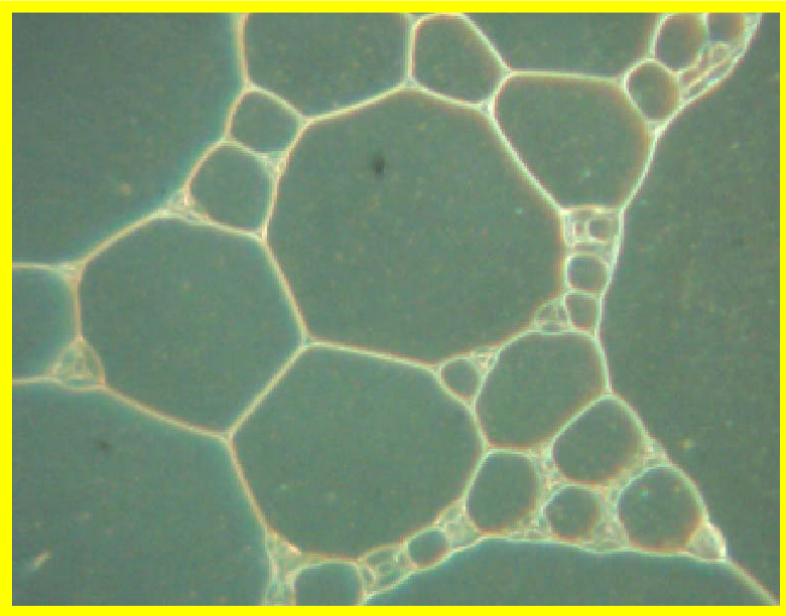


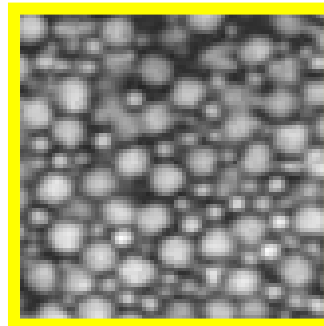
[A] Flow of viscoelastic materials

Xia Hong 洪霞, Xin Du 杜鑫, and Eric Weeks



Emulsions: liquid droplets in another immiscible liquid

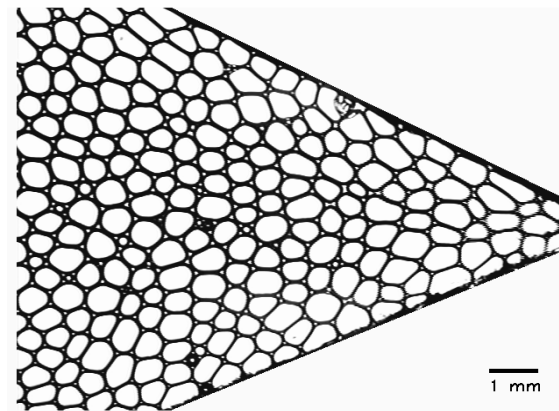
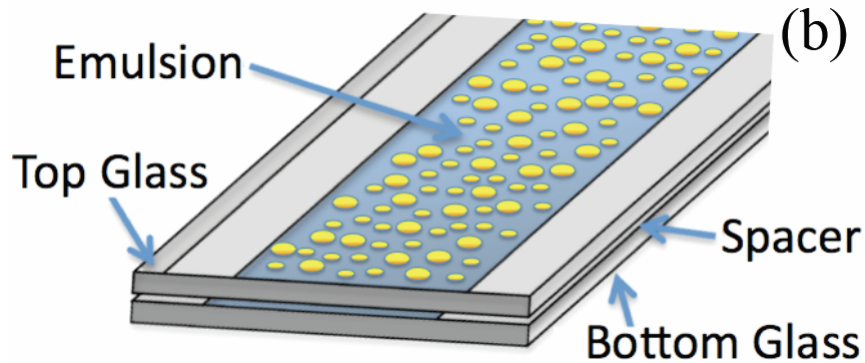
Colloids: solid particles in liquid



Foam: air bubbles in a liquid (with soap)

What you'll do in our module:

1. Make emulsion: oil droplets in water
2. Make sample chamber: many shapes possible



3. Image analysis to identify drops
4. Learn to measure flow profile
5. Study forces between droplets

